



Sh 1752

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Adolf Bernds et al.
SERIAL NO: 10/508,737 GROUP ART UNIT: 1752
FILED: January 10, 2005 EXAMINER: Not assigned
CUSTOMER NO.: 27162
FOR: Device and Method for Laser Structuring Functional Polymers and the Uses thereof
ATTY/DKT NO.: 411000-121

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Pursuant to 37 C.F.R. §1.56(a), Applicant(s) hereby cite(s) the enclosed documents listed on the attached copy of Form PTO-1449 which are believed to be material to the patentability of the above-identified application.

This Information Disclosure Statement is filed in accordance with the paragraph of 37 CFR §1.97 indicated below:

X §1.97(b) This Information Disclosure Statement is filed:

- (1) Within three months of the filing date of a national application; OR
- (2) Within three months of the date of entry of the national stage of an international application; OR
- (3) Before the mailing of a first Office Action on the merits. No fee or statement is required.

 §1.97(c) This Information Disclosure Statement is filed after the period specified in paragraph (b) above, but before the mailing date of either:

- (1) A Final Action or under 37 CFR §1.113; OR
- (2) A Notice of Allowance under 37 CFR §1.311; AND

is accompanied by either: (check one)

- The statement as specified in 37 CFR §1.97(e) set out below; OR
 The fee of \$180.00 under 37 CFR §1.17(p).



____§1.97(d) This Information Disclosure Statement is filed after the mailing date of either:

- (1) a Final Action or under 37 CFR §1.113; OR
- (2) A Notice of Allowance under 37 CFR §1.311;

BUT filed on or before payment of the Issue Fee; AND is accompanied by:

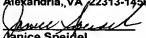
- (1) The statement as specified in 37 CFR §1.97(e) as set forth below; AND
- (2) Petition is hereby made under 37 CFR §1.97(d) for consideration of this Information Disclosure Statement; AND,
- (3) The petition fee of \$180.00 set out in 37 CFR §1.17(i).

____§1.97(e) The undersigned Attorney hereby states that:

- each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement; or
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or to the knowledge of the undersigned Attorney after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

This Information Disclosure Statement provides a detailed list of the references cited in various pending applications listed in applicant's Disclosure Statement filed on December 1, 2004 and enclosed herewith.

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

FIRST CLASS CERTIFICATE	
I hereby certify that this correspondence is being deposited today with the U.S. Postal Service as First Class Mail in an envelope addressed to:	
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
 Janice Speidel	April 15, 2005 Date

#254469

Respectfully submitted,
Adolf Berns et al.


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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/508,737
Filing Date	January 10, 2005
First Named Inventor	Adolf Bernds
Group Art Unit	1752
Examiner Name	Not assigned
Attorney Docket Number	411000-121

Sheet 1 Of 4

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number Number-Kid Code ² (if known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
					For all cited references, see Form enclosed Disclosure Statement with Form 1449 filed herewith
		US-2004/0026689	02/00/2004	Bernds et al.	
		US-6,335,539	10-19-1999	Dimitrakopoulos et al.	
		US-6,284,562	09-00-2001	Batlogg et al.	
		US-6,215,130	04-00-2001	Dodabakapur	
		US-5,578,513	11-00-1996	Maegawa	
		US 2002/022284	02-21-2002	Heeger et al.	
		US-5,480,839	01/02/1996	Ezawa et al.	
		US-2002/0025391	02/28/2002	Angelopoulos	
		US-6,340,822	01/22/2002	Brown et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication- Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		EP 0989614 A2	03-00-2000	Kuwabera et al.		X
		WO 95 31831	11-23-1995	Philips Electronics		X
		EP 0501456 A2	09-02-1992	Sony		X
		EP 0501456 A3	09-02-1992	Sony		X
		WO 01 17041	03-08-2001	E Ink Corp.		X
		WO 01 47044 A2	06-28/2001	Plastic Logic Limited		X
		WO 01 47044 A3	06/28/2001	Plastic Logic Limited		X

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	4
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		US-6,083,104	07-04-2000	Choi	
		US-6,251,513	06-26-2001	Hyatt et al.	
		US-5,546,889	08-20-1996	Wakita et al.	
		US-2004/0211329	10-00-2004	Funahata et al.	
		US-2004/0013982	01-00-2004	Jacobson et al.	
		US-2003/0175427	09-00-2003	Loe et al.	
		US-6,517,995	02-00-2003	Jacobson et al.	
		US-5,967,048	10-19-1999	Fromson et al.	
		US-6,322,736	11-00-2001	Bao et al.	

FOREIGN PATENT DOCUMENTS

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		WO 99 10929 (title page only)	03-04-99	Philips AB		X
		JP 362065477A	03-24-1987	Toshiba Corp		X
		JP 08197788	08-06-1996	Hitachi Koki Co.		X
		WO 02095805 A2	11-28-2002	Plastic Logic Limited		X
		WO 02095805 A3	11-28-2002	Plastic Logic Limited		X
Examiner Signature			Date Considered			

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#254370



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4 4

Complete if Known

Application Number	10/508,737
Filing Date	January 10, 2005
First Named Inventor	Adolf Bernds
Group Art Unit	1752
Examiner Name	Not assigned
Attorney Docket Number	411000-121

NON PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FRAUNHOFER MAGAZIN, "Polytronic: Chips von der Rolle", Nr. 4, 2001, pp. 8 - 13.	
		OEKRUIG, D. et al., "Electronic spectra of self-organized oligothiophene films with 'standing' and 'lying' molecular units", Elsevier Science S.A., 1996, Thin Solid Films 284-270	X
		SANDBERG, H. et al., "Ultra-thin Organic Films for Field Effect Transistors", SPIE Vol. 4466, 2001, pp. 35 - 43.	X
		CHEN, X.L. et al., "Morphological and Transistor Studies of Organic Molecular Semiconductors with Anisotropic Electrical Characteristics", American Chemical Society, 2001, Chem. Mater. 2001, 13, 1341-1348.	X
		SCHROEDNER, S. et al., "Plastic Electronics Based on Semiconducting Polymers", Session 4: Polymer Electronic Devices II, pp. 91 - 94.	X
		LOWE, J. et al., "Poly(3(2-acetoxyethyl)thiophene): A model polymer for acid-catalyzed lithography", Elsevier Science S.A., 1997, Synthetic Metals 85 pp. 1427 - 1430	X
		deLEEUW, D.M. et al., "Polymeric Integrated Circuits and Light-Emitting Diodes", IEEE 1997, pp. 331 - 337	X

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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SERIAL NO: 10/508,737 GROUP ART UNIT: 1752
FILED: January 10, 2005 EXAMINER: Not assigned
CUSTOMER NO.: 27162
FOR: Device and method for laser structuring polymers and the use thereof
ATTY/DKT NO.: 411000-121

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DISCLOSURE STATEMENT UNDER 37 CFR 1.56

SIR:

This paper is to bring to the attention of the PTO the following copending U.S. applications, all of which are related in different respects to organic electronic devices and/or method of making such devices such as transistors, diodes, integrated circuits and the like. These applications also are generally related to the various applications noted in applicants' Disclosure Statement filed on December 1, 2004. Many of these applications also have one or more common inventors. The enclosed PTO 1449 lists these applications as well as the applications associated with the Disclosure Statement filed December 1, 2004. It is respectfully requested that the Examiner consider and make of record all of the cited applications listed in the enclosed PT 1449.



<u>Classification No.</u>	<u>Title</u>	<u>Inventors</u>	<u>Atty. Dkt. No.</u>
10/508,640	LOGIC COMPONENT COMPRISING ORGANIC FIELD EFFECT TRANSISTORS	Walter Fix et al.	411000-120
10/508,737	DEVICE AND METHOD FOR LASER STRUCTURING FUNCTIONAL POLYMERS AND THE USES THEREOF	Adolf Bernds et al.	411000-121
10/517,750	SUBSTRATE FOR AN ORGANIC FIELD EFFECT TRANSISTOR, USE OF THE SUBSTRATE, METHOD OF INCREASING THE CHARGE CARRIER MOBILITY AND ORGANIC FIELD EFFECT TRANSISTOR (OFET)	Wolfgang Clemens et a.	411000-122
10/523,216	ELECTRONIC COMPONENT COMPRISING PREDOMINANTLY ORGANIC FUNCTIONAL MATERIALS AND A PROCESS FOR THE PRODUCTION THEREOF	Adolf Bernds et al.	411000-123
10/523,487	ELECTRONIC DEVICE	Wolfgang Clemens et al.	411000-124
10/524,646	ORGANIC COMPONENT FOR OVERVOLTAGE PROTECTION AND ASSOCIATED CIRCUIT	Walter Fix et al.	411000-127

The Commissioner is authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 03-0678.

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Janice Spidel

April 15, 2005
Date

Respectfully submitted,
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	1	US-6,852,583	10/09/2003	Adolf Bemds et al.	See Disclosure Statements filed on December 1, 2004 and herewith
	2	US-10/344,951	N/A	Adolf Bemds et al.	
	3	US-10/362,932	10/02/2003	Adolf Bemds et al.	
	4	US-10/380,113	09/25/2003	Adolf Bemds et al.	
	5	US-10/380,206	N/A	Adolf Bemds et al.	
	6	US-10/381,032	N/A	Adolf Bemds et al.	
	7	US-10/433,959	N/A	Adolf Bemds	
	8	US-10/433,961	N/A	Wolfgang Clemens et al.	
	9	US-10/451,108	N/A	Mark Giles et al.	
	10	US-10/467,636	N/A	Adolf Bemds et al.	
	11	US-10/473,050	N/A	Adolf Bemds et al.	
	12	US-10/479,234	12/30/2004	Adolf Bemds et al.	
	13	US-10/479,238	N/A	Adolf Bemds et al.	
	14	US-10/492,922	N/A	Erwann Bulleit et al.	
	15	US-10/492,923	12/23/2004	Wolfgang Clemens et al.	
	16	US-10/498,610	N/A	Walter Fix et al.	
	17	US-10/508,640	N/A	Walter Fix et al.	
	18	US-10/508,737	N/A	Adolf Bemds et al.	
	19	US-10/517,750	N/A	Wolfgang Clemens et al.	
	20	US-10/523,216	N/A	Adolf Bemds et al.	
	21	US-10/523,487	N/A	Wolfgang Clemens et al.	
	22	US-10/524,646	N/A	Walter fix et al.	
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